



SEQUENCE LISTING

<110> Kimura, Naoki
Toyoshima, Tomoko

<120> NOVEL SECRETORY MEMBRANE PROTEIN

<130> 06501-040002

<140> US 09/855,266

<141> 2001-05-14

<150> US 09/411,722

<151> 1999-10-01

<150> PCT/JP98/01511

<151> 1998-04-01

<150> JP 9/099653

<151> 1997-04-01

<160> 13

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 176

<212> PRT

<213> Mus musculus

<400> 1

Met	Val	Thr	Phe	Ser	His	Val	Ser	Ser	Leu	Ser	His	Trp	Phe	Leu	Leu
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Leu	Leu	Leu	Leu	Asn	Leu	Phe	Leu	Pro	Val	Ile	Phe	Ala	Met	Pro	Glu
			20					25					30		
Ser	Tyr	Ser	Phe	Asn	Cys	Pro	Asp	Gly	Glu	Tyr	Gln	Ser	Asn	Asp	Val
		35					40					45			
Cys	Cys	Lys	Thr	Cys	Pro	Ser	Gly	Thr	Phe	Val	Lys	Ala	Pro	Cys	Lys
	50					55					60				
Ile	Pro	His	Thr	Gln	Gly	Gln	Cys	Glu	Lys	Cys	His	Pro	Gly	Thr	Phe
65				70						75					80
Thr	Gly	Lys	Asp	Asn	Gly	Leu	His	Asp	Cys	Glu	Leu	Cys	Ser	Thr	Cys
				85					90					95	
Asp	Lys	Asp	Gln	Asn	Met	Val	Ala	Asp	Cys	Ser	Ala	Thr	Ser	Asp	Arg
			100					105					110		
Lys	Cys	Glu	Cys	Gln	Ile	Gly	Leu	Tyr	Tyr	Tyr	Asp	Pro	Lys	Phe	Pro
		115					120					125			
Glu	Ser	Cys	Arg	Pro	Cys	Thr	Lys	Cys	Pro	Gln	Gly	Ile	Pro	Val	Leu
	130					135					140				
Gln	Glu	Cys	Asn	Ser	Thr	Ala	Asn	Thr	Val	Cys	Ser	Ser	Ser	Val	Ser
145				150						155				160	
Asn	Pro	Arg	Asn	Trp	Leu	Phe	Leu	Leu	Met	Leu	Ile	Val	Phe	Cys	Ile
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<211> 1509

<212> DNA

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<220>

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<400> 3

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			1				5					10				
ttc	ctc	ttg	ctg	ctg	ctg	ctg	aat	ctg	ttc	ttg	ccg	gta	ata	ttt	gct	98
Phe	Leu	Leu	Leu	Leu	Leu	Leu	Asn	Leu	Phe	Leu	Pro	Val	Ile	Phe	Ala	
	15					20					25					
atg	cct	gaa	tca	tac	tcc	ttc	aac	tgt	ccc	gat	ggg	gaa	tac	cag	tct	146
Met	Pro	Glu	Ser	Tyr	Ser	Phe	Asn	Cys	Pro	Asp	Gly	Glu	Tyr	Gln	Ser	
30					35					40					45	
aat	gat	gtc	tgt	tgc	aag	acc	tgt	ccc	tca	ggg	aca	ttt	gtc	aag	gcg	194
Asn	Asp	Val	Cys	Cys	Lys	Thr	Cys	Pro	Ser	Gly	Thr	Phe	Val	Lys	Ala	
				50				55						60		
ccc	tgc	aaa	atc	ccc	cat	act	caa	gga	caa	tgt	gag	aag	tgt	cac	cca	242
Pro	Cys	Lys	Ile	Pro	His	Thr	Gln	Gly	Gln	Cys	Glu	Lys	Cys	His	Pro	
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Ser Thr Cys Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala Thr			
95	100	105	
agt gac cgg aaa tgc gag tgc caa ata ggt ctt tac tac tat gac cca			386
Ser Asp Arg Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp Pro			
110	115	120	125
aaa ttt ccg gaa tca tgc cgc cca tgt acc aag tgt ccc caa gga atc			434
Lys Phe Pro Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly Ile			
	130	135	140
cct gtc ctc cag gaa tgc aac tcc aca gct aac act gtg tgc agt tca			482
Pro Val Leu Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser Ser			
	145	150	155
tct gtt tca aat ccc aga aac tgg ctg ttc cta ctg atg cta att gtc			530
Ser Val Ser Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile Val			
	160	165	170
ttc tgt atc tgaagaagat aaaggttcta cagatgggtgt ctgtagcttc			579
Phe Cys Ile			
175			

cttttattgc	tgtgaagaga	aaccatggag	gcaactcttt	catttttattt	tatttttttaa	639
tgtcttgaac	ttgatttgaa	gaccaggctg	gactcaaact	cacagagatc	cggactaggc	699
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gagctctccc	tcctatctac	aataaaacct	tccccctaac	cagaaatgga	acagttttgt	1479
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<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetically generated primer

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43

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<211> 26

<212> DNA

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<210> 6

<211> 29

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<211> 29

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<223> Synthetically generated primer

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gaggtacaag cttgatatcg agctcgagg

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 Thr Lys Cys His Lys Gly Thr Tyr Leu Val Ser Asp Cys Pro Ser Pro
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 Gly Arg Asp Thr Val Cys Arg Glu Cys Glu Lys Gly Thr Phe Thr Ala
 35 40 45
 Ser Gln Asn Tyr Leu Arg Gln Cys Leu Ser Cys Lys Thr Cys Arg Lys
 50 55 60
 Glu Met Ser Gln Val Glu Ile Ser Pro Cys Gln Ala Asp Lys Asp Thr
 65 70 75 80
 Val Cys Gly Cys Lys Glu Asn Gln Phe Gln Arg Tyr Leu Ser Glu Thr
 85 90 95
 His Phe Gln Cys Val Asp Cys Ser Pro Cys Phe Asn Gly Thr Val Thr
 100 105 110
 Ile Pro Cys Lys Glu Thr Gln Asn Thr Val Cys
 115 120